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	Filing Date		2002-01-10	
	First Named Inventor	MARANAS, COSTAS D.		
	Art Unit	1631		
	Examiner Name	CLOW, LORI A.		
	Attorney Docket Number	P05468US01 - (3 OF 3)		

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1	Varma et al., "Biochemical production capabilities of Escherichia coli," Biotechnol. Bioeng. 42(1):59-73 (1993).	<input type="checkbox"/>
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5	Voit, "Optimization in Integrated Biochemical Systems," Biotechnol. Bioeng. 40(5):572-582 (1992).	<input type="checkbox"/>
6	Wang, et al., "Cadmium removal by a new strain Pseudomonas aeruginosa in aerobic culture," App. Environ. Microbiol. 63:4075-4078 (1997).	<input type="checkbox"/>
7	Xie and Wang, "Stoichiometric analysis of animal cell growth and its application in medium design," Biotechnol. Bioeng. 43(11):1164-1174 (1994).	<input type="checkbox"/>
8	Xie and Wang, "Applications of improved stoichiometric model in medium design and fed-batch cultivation of animal cells in bioreactor," Cytotechnology 15(1-3):17-29 (1994).	<input type="checkbox"/>
9	Xie and Wang, "Energy metabolism and ATP balance in animal cell cultivation using a stoichiometrically based reaction network," Biotechnol. Bioeng. 52(5):591-601 (1996).	<input type="checkbox"/>
10	Xie and Wang, "Integrated approaches to the design of media and feeding strategies for fed-batch cultures of animal cells," Trends Biotechnol. 15(3):109-113 (1997).	<input type="checkbox"/>
11	Xie and Wang, "Material Balance Studies on Animal Cell Metabolism Using Stoichiometrically Based Reaction Network," Biotechnol. Bioeng. 52:579-590 (1996).	<input type="checkbox"/>

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12	Yang, et al., "Metabolic Flux Analysis of Escherichia coli Deficient in the Acetate Production Pathway and Expressing the Bacillus subtilis Acetolactate Synthase," Met. Eng. (1999).	<input type="checkbox"/>
13	Zeikus, "Biotechnology of succinate acid production and markets for derived industrial products," Appl. Microbiol. Biotechnol. 51:545-552 (1999).	<input type="checkbox"/>
14	Zeng and Biebl, "Bulk chemicals from biotechnology: the case of 1,3-propanediol production and the new trends," Adv. Biochem. Eng. Biotechnol. 74:239-59 (2002).	<input type="checkbox"/>
15	Zhu et al., "Improving 1,3-propanediol from glycerol in a metabolically engineered Escherichia coli by reducing accumulation of sn-glycerol-3 -phosphate," Biotechnol. Prog. 18(4):694-699 (2002).	<input type="checkbox"/>
16	URL http://www.ilog.com/products/cplex/ accessed via the GAMS (Brooke, et al., (1998).	<input type="checkbox"/>
17	Chistoserdova, Ludmila et al., "Multiple Formate Dehydrogenase Enzymes in the Facultative Methylophile Methylobacterium extorquens AM1 Are Dispensable for Growth on Methanol", Journal of Bacteriology, Vol. 186(1), pp. 22-28, Jan. 2004.	<input type="checkbox"/>
18	Karp, P.D., "Integrated pathway/genome databases and their role in drug discovery", Trends in Biotechnology, 17 (7):275-281, 1999.	<input type="checkbox"/>
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20	Price, Nathan D. et al., "Genome-Scale Models of Microbial Cells:Evaluating the Consequences of Constraints" REVIEWS Vol 2, 886-897, 2004, www.nature.com/reviews/micro	<input type="checkbox"/>
21	TIGR, Genomes, Medicine, and the Environment conference, October 16-18, 2006, 2 pages, The Institute for Genomic Research, http://www.tgr.org printed from Internet 9/18/2009.	<input type="checkbox"/>

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